

### Major Source New Boiler with Process Gas (Gas 2) Subcategory

Capacity or Use Type	Oxygen Trim System?	Initial Notice of Applicability	Conduct an Initial Tune-up	Tune-up Frequency	Complete One-Time Energy Assessment	Required to Meet Emission Limits <sub>1</sub>	Submit Initial Notification of Compliance Status	Emission Performance Test Frequency	Compliance Certification Report <sub>2</sub>
< 10 MMBTU/hr	Yes	within 15 days of start-up	Within 61 months of start-up	Every five (5) years	—	—	—	—	01/31/17
< 10 MMBTU/hr	No	within 15 days of start-up	Within 25 months of start-up	Every two (2) years	—	—	—	—	01/31/17
≥ 10 MMBTU/hr	Yes	within 15 days of start-up	Within 61 months of start-up	Every five (5) years	—	7.9 x 10 <sup>-6</sup> Hg, 130 ppm CO, 1.7 x 10 <sup>-3</sup> HCl, and 6.7 x 10 <sup>-3</sup> PM or TSM, within 180 days of start-up	60 days after compliance demonstration	None if initial performance test is less than or equal to half the limit, otherwise every three (3) years	01/31/17
≥ 10 MMBTU/hr	No	within 15 days of start-up	Within 13 months of start-up	Annually	—	7.9 x 10 <sup>-6</sup> Hg, 130 ppm CO, 1.7 x 10 <sup>-3</sup> HCl, and 6.7 x 10 <sup>-3</sup> PM or TSM, within 180 days of start-up	60 days after compliance demonstration	None if initial performance test is less than or equal to half the limit, otherwise every three (3) years	01/31/17
Limited Use	—	within 15 days of start-up	Within 61 months of start-up	Every five (5) years	—	—	—	—	01/31/17

The *Boiler Designed to Burn Gas 1* subcategory includes boilers or process heaters that only burn natural gas, refinery gas, and /or other Gas 1 fuels.

The *Boilers Designed to Burn Gas 2* subcategory includes boilers or process heater that are not designed to burn Gas 1 fuels and that burn any gaseous fuels either alone or in combination with less than 10% solid coal/fossil fuel or biomass.

*Other Gas 1 Fuel* is defined as a gaseous fuel that is not natural gas or refinery gas and does not exceed a maximum concentration of 40 micrograms/cubic meters of mercury.

A *Limited Use* boiler is any boiler that burns any amount of solid or liquid fuels and has a federally enforceable average annual capacity factor of no more than 10%.

1. Boiler emission limits can be found in [40 CFR 63, Subpart DDDDD Table 1](#) for new and reconstructed boilers and vary depending on the type of boiler and boiler capacity.

2. First Compliance Certification Report is due **January 31, 2017** and subsequent reports are due semi-annually, annually, biennially, or every five (5) years depending on the boiler type and capacity.